

## CLAIMS

1. A urine collection device, comprising:

a support apparatus for supporting the urine collection device on a toilet;

an attachment section for attaching to a sample holder; and

a collection section for receiving and directing urine into the sample holder

2. The urine collection device according to claim 1 including a flow divider

located in the collection section that separates a first portion of the urine away from the

sample holder.

3. The urine collection device according to claim 2 wherein the flow divider

includes a cavity in the collection section that collects the first portion of the urine and a hole

at a bottom end of the cavity that directs the first portion of the urine into the toilet.

4. The urine collection device according to claim 3 including a dam located

between the cavity and the attachment section for further directing the first portion of the

urine into the cavity.

5. The urine collection device according to claim 1 wherein the collection section

is an elongated channel that extends from a front face of the attachment section at an

upwardly directed angle toward a top surface of the toilet.

6. The urine collection device according to claim 1 wherein the attachment section includes an opening in a front face that directs urine from the collection section into the sample holder.

5 7. The urine collection device according to claim 1 wherein the attachment section includes a cap section that is detachably coupled to the sample holder.

8. The urine collection device according to claim 7 wherein the cap section is threaded to screwingly engage a sample holder cup.

10 9. The urine collection device according to claim 1 wherein the support apparatus includes oppositely opposed arms extending in opposite directions from the attachment section.

15 10. A urine collector, comprising:  
a support apparatus for supporting the urine collector on a toilet;  
a collection section for receiving the urine; and  
an cap section for coupling to a removable sample cup and directing the urine from the collection section into the sample cup.

20 11. The urine collector according to claim 10 including a preflow divider for directing a first portion of the received urine away from the sample cup and into the toilet.

12. The urine collector according to claim 11 wherein the preflow divider includes a chamber in the collection section temporarily retaining the first portion of the urine and a hole in the chamber directing the first portion of the urine into the toilet.

5 13. The urine collector according to claim 10 wherein the cap section includes a first opening for receiving the urine from the collection section and a second overflow opening that allows urine to overflow from the sample cup into the toilet.

10 14. The urine collector according to claim 13 wherein the cap section holds the sample cup at an angle that causes the urine to overflow out of the second overflow opening when the sample cup is only partially full of urine.

15 15. The urine collector according to claim 10 wherein the collection section extends slightly below a top end of the toilet and angles downward from a front end of the toilet towards a middle section of the toilet.

16. The urine collector according to claim 10 wherein the support apparatus sits on a top end of a toilet bowl and a toilet seat sits down on top of the support apparatus.

20 17. A urine sample collection device, comprising:  
an apparatus configured to sit on a toilet bowl and receive urine, the apparatus funneling the received urine into a detachable sample cup.

25 18. The urine sample collection device according to claim 17 including a flow divider that separates an initial portion of the urine from entering the sample cup.

19. The urine sample collection device according to claim 17 including an overflow opening that causes a portion of the urine in the sample cup to overflow into the toilet before the urine completely fills up the sample cup.

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20. The urine sample collection device according to claim 17 including support arms that sit on opposite sides of the toilet for holding the sample cup in the toilet bowl above a toilet bowl water level.